AUTODOC CLUB

How to change rear upper arm on **Audi A4 B8** – replacement guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:
AUDI A7 Sportback (4GA, 4GF) 3.0 TDI, AUDI A6 Saloon (4G2, 4GC, C7) 2.8 FSI, AUDI A6 Saloon (4G2, 4GC, C7) 2.8 FSI quattro, AUDI A6 Saloon (4G2, 4GC, C7) 3.0 TFSI quattro, AUDI A6 Saloon (4G2, 4GC, C7) 2.0 TDI, AUDI A6 Saloon (4G2, 4GC, C7) 3.0 TDI, AUDI A6 Saloon (4G2, 4GC, C7) 3.0 TDI quattro, AUDI A5 Coupe (8T3) RS5 quattro, AUDI A6 Saloon (4G2, 4GC, C7) 2.0 TFSI, AUDI A8 (4H2, 4H8, 4HC, 4HL) 6.3 W12 quattro, AUDI A8 (4H2, 4H8, 4HC, 4HL) 3.0 TFSI quattro, AUDI A7 Sportback (4GA, 4GF) 3.0 TDI quattro, AUDI A7 Sportback (4GA, 4GF) 2.8 FSI, AUDI A7 Sportback (4GA, 4GF) 3.0 TFSI quattro, AUDI A6 Avant (4G5, 4GD, C7) 2.8 FSI, (+ 124)

The steps may slightly vary depending on the car design.

REPLACEMENT: REAR UPPER ARM – AUDI A4 B8. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #18
- Drive socket # 18
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Hydraulic transmission jack
- Wheel chock

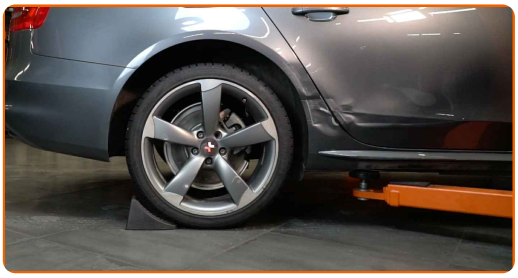
BUY TOOLS

Replacement: rear upper arm – Audi A4 B8. AUTODOC recommends:

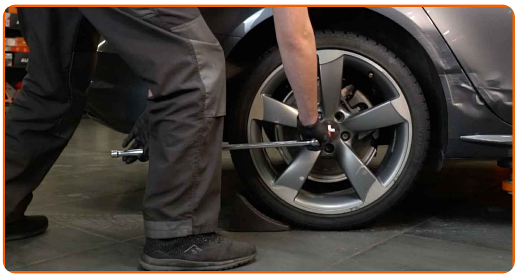
- The replacement procedure is identical for the right and left upper control arms.
- All work should be done with the engine stopped.

REPLACEMENT: REAR UPPER ARM – AUDI A4 B8. RECOMMENDED SEQUENCE OF STEPS:

1 Secure the wheels with chocks.



2 Loosen the wheel mounting bolts. Use wheel impact socket #17.



3 Raise the rear of the car and secure on supports.



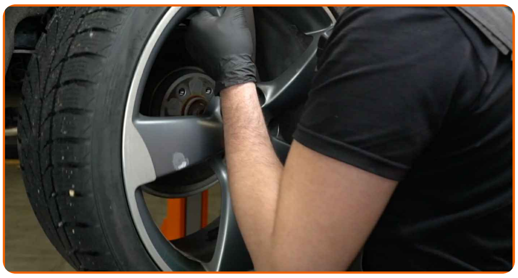
4 Unscrew the wheel bolts.



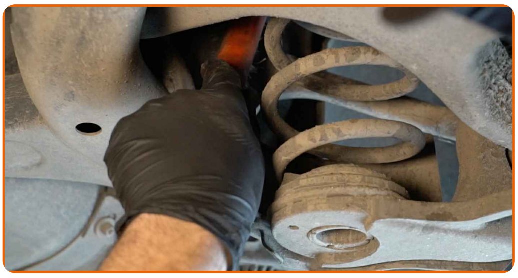
Replacement: rear upper arm – Audi A4 B8. Tip:

- To avoid injury, hold up the wheel when unscrewing the bolts.

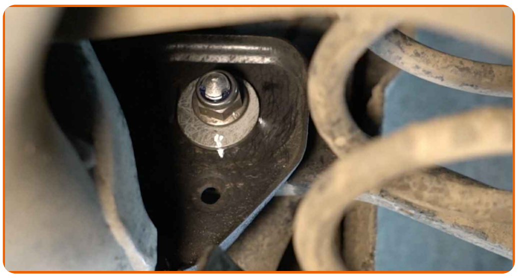
5 Remove the wheel.



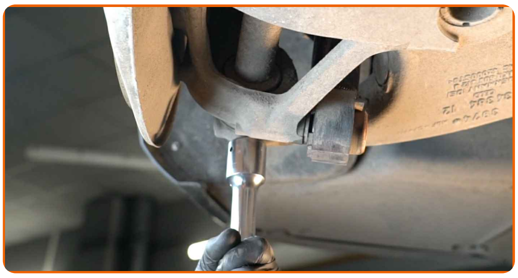
6 Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



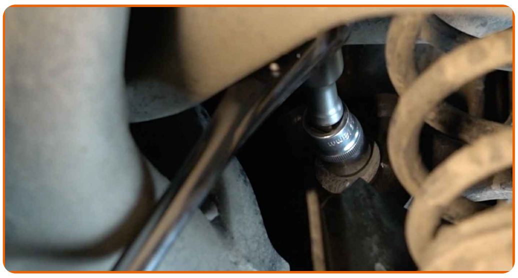
7 Make a mark on the camber adjustment bolt.



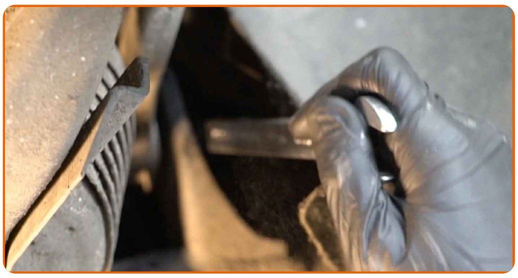
8 Support the arm. Use a hydraulic transmission jack.



9 Unscrew the arm fastening from the subframe. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.



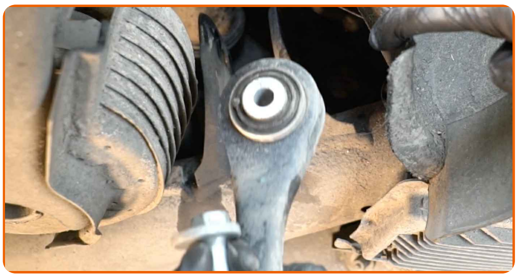
10 Unscrew the fastener connecting the control arm to the rear knuckle. Use a drive socket #18. Use a ratchet wrench.



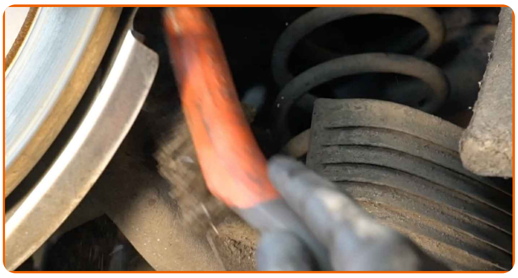
11 Remove the fastening bolts.



12 Remove the rear upper arm.



13 Clean the mounting seats and the thread of the suspension arm. Use a wire brush. Use WD-40 spray.



14 Mount the rear upper arm.



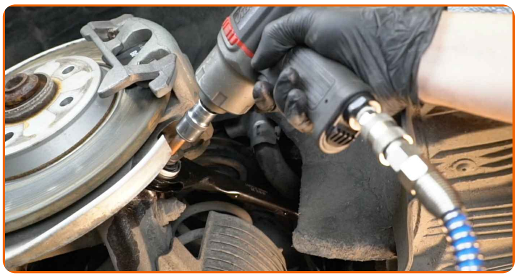
Replacement: rear upper arm – Audi A4 B8. AUTODOC experts recommend:

- During the installation process, use only new bolts and nuts.
- Do not damage the ball joint cover.

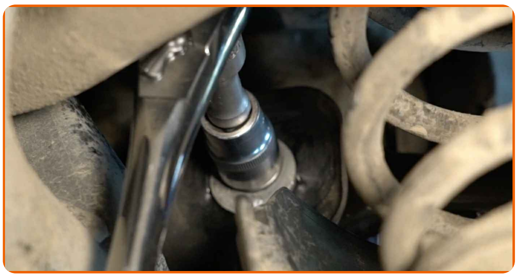
15 Install the fastening bolts.



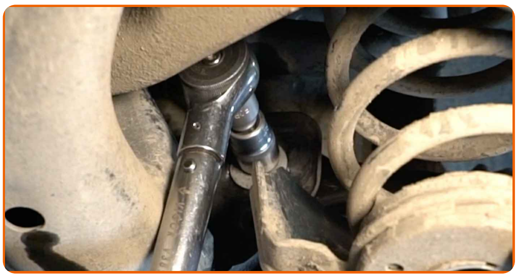
16 Screw in the fastener that connects the control arm to the rear knuckle. Use a drive socket #18. Use a ratchet wrench.



17 Screw the fastener connecting the control arm to the subframe. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.



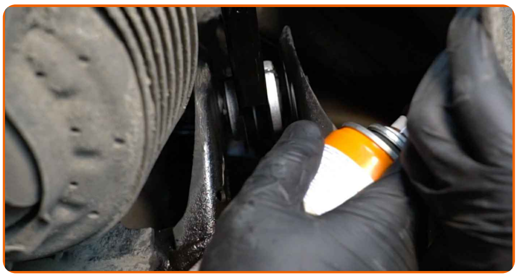
18 Tighten the arm fastening to the subframe. Use a drive socket #18. Use a torque wrench. Tighten it to 70 Nm torque.+180°



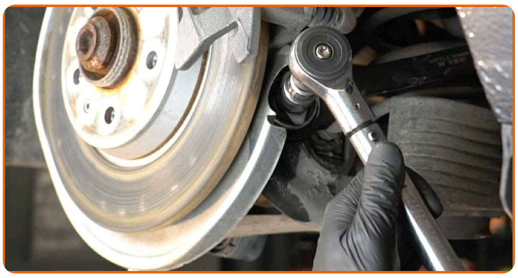
AUTODOC recommends:

- Important! Be sure to use new fasteners.

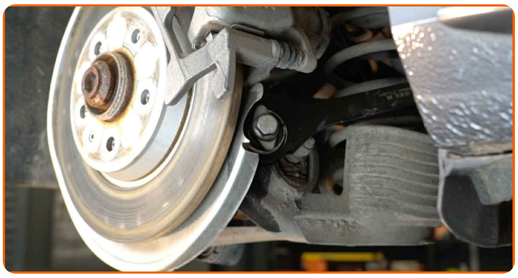
19 Treat all joints of the arm. Use copper grease.



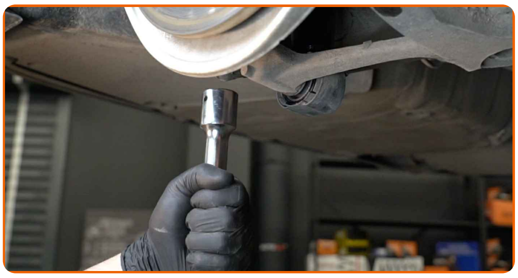
20 Tighten the fastener connecting the suspension arm to the rear knuckle. Use a drive socket #18. Use a torque wrench. Tighten it to 95 Nm torque.



21 Treat all joints of the arm. Use copper grease.



22 Remove the support from under the arm.



AUTODOC recommends:

- Replacement: rear upper arm – Audi A4 B8. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

23 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



24 Clean the brake disk surface. Use a brake cleaner.



Replacement: rear upper arm – Audi A4 B8. Professionals recommend:

- After applying the spray, wait a few minutes.

25 Install the wheel.



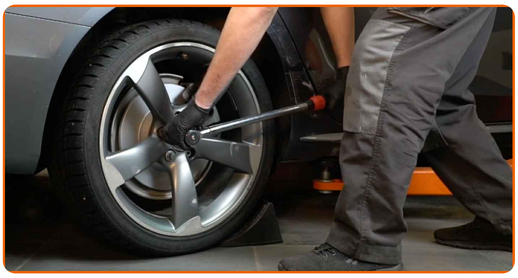
AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. Audi A4 B8

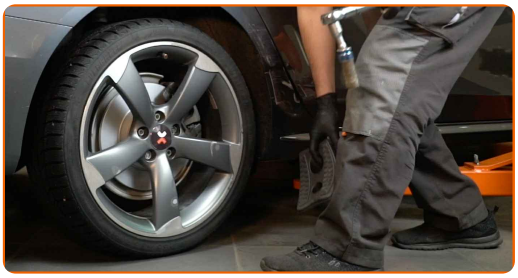
26 Screw in the wheel bolts. Use wheel impact socket #17.



27 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.



28 Remove the jacks and chocks.

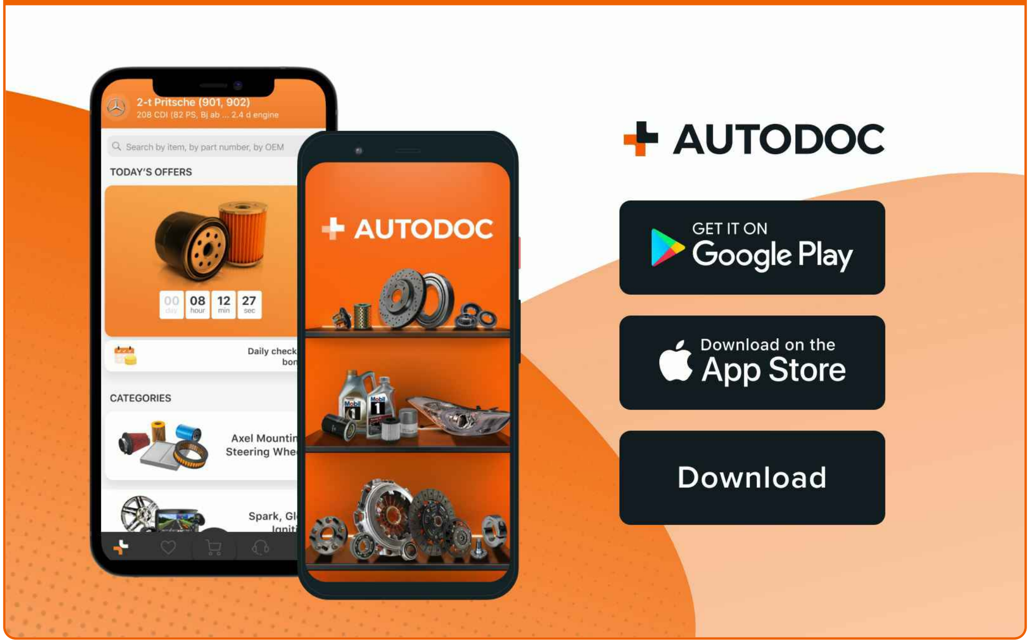


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